Table of Contents: Volume 3

Number 1	
Maintaining Global Time in Futurebus+ Richard A. Volz,	
Priority Inheritance and Message Passing Communication: A Formal Treatment	5
Global Cyclic Scheduling: A Method to Guarantee the Timing Behavior of Distributed Real-Time Systems	45 67 101
Number 2	101
	111
Editorial	111
A Local Area Network Architecture for Communication in Distributed Real-	113
Time Systems K. Arvind, Krithi Ramamritham, and John A. Stankovic A Hierarchical Approach to Systems with Heterogeneous Real-Time	115
Requirements	149
Timed High-Level Nets. Sandro Morasca, Mauro Pezzè, and Marco Trubian Dealing with Different Time Granularities in Formal Specifications of Real-	165
Time Systems Edoardo Corsetti, Angelo Montanari, and Elena Ratto	191
Contributing Authors	217
Number 3	
A Static Scheduling Algorithm for Distributed Real-Time Systems	
J.P.C. Verhoosel, E.J. Luit, D.K. Hammer and E. Jansen	227
A Study on the Timeliness Property in Real-Time Systems Ken Chen Guaranteed Task Deadlines for Fault-Tolerant Workloads with Conditional	247
Branches	275
Systems . Shenze Chen, John A. Stankovic, James F. Kurose and Don Towsley	307
Contributing Authors	337
Number 4	
Criticality and Utility in the Next Generation A. Burns and A.J. Wellings Time Capsules: An Abstraction for Access to Continuous-Media Data	347
Real-Time Concurrent C: A Language for Programming Dynamic Real-Time	351
Systems	373
and Norbert Fristacký	403
Contributing Authors	425